

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: September 28, 2002, 01:46:01 ; Search time 66.73 Seconds
(without alignments)
10251.601 Million cell updates/sec

Title: US-09-802-674-3

Perfect score: 2785
Sequence: 1 ctttagcccaacagtcacaaa.....tcagggtgagtcgatgt 2785

Scoring table: IDENTITY-NUC
Gapop 10.0 , Gapept 1.0

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Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :
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3: /cgn2_6/pdata/2/lna/5A.COMB.seq:*
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5: /cgn2_6/pdata/2/lna/PCITUS.COMB.seq:*
6: /cgn2_6/pdata/2/lna/Backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	594.4	21.3	605 1 US-08-469-667-17	Sequence 17, Appl
2	594.4	21.3	605 4 US-09-224-110-17	Sequence 17, Appl
3	594.4	21.3	605 5 PCT-US95-07289-17	Sequence 17, Appl
4	512.4	18.4	586 4 US-09-385-982-472	Sequence 472, App
5	445.6	16.0	581 4 US-09-385-982-136	Sequence 136, App
6	324.2	11.6	780 3 US-08-927-128-3	Sequence 3, Appl
7	323.2	11.6	864 2 US-08-595-868C-11	Sequence 11, Appl
8	322	11.6	867 4 US-09-139-819A-11	Sequence 11, Appl
9	322	11.6	599 4 US-09-385-982-446	Sequence 446, App
10	177.6	6.4	9365 4 US-09-608-285A-8	Sequence 8, Appl
11	53.6	1.9	14747 4 US-09-608-285A-42	Sequence 42, Appl
12	53.6	1.9	15977 4 US-09-608-285A-59	Sequence 59, Appl
13	53.6	1.9	84495 2 US-09-797-906-3	Sequence 3, Appl
14	53.4	1.9	4052 2 US-08-833-226-1	Sequence 2, Appl
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17	50.6	1.8	1190 2 US-08-668-128B-4	Sequence 4, Appl
18	50.4	1.8	1190 2 US-08-905-445-4	Sequence 4, Appl
19	50.4	1.8	1190 2 US-08-959-622-4	Sequence 4, Appl
20	50.4	1.8	1190 3 US-09-008-466-4	Sequence 4, Appl
21	50.4	1.8	1190 3 US-08-580-980A-4	Sequence 4, Appl
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23	50.4	1.8	1190 3 US-08-644-116A-4	Sequence 4, Appl
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36	49.8	1.8	1522 2 US-08-481-658B-1	Sequence 1, Appl
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41	49.8	1.8	1522 3 US-08-487-077A-1	Sequence 1, Appl
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43	49.8	1.8	1522 4 US-08-485-049D-1	Sequence 1, Appl
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ALIGNMENTS

RESULT 1
US-08-469-667-17
Sequence 17, Application US/08469667
Patent No. 5733748
GENERAL INFORMATION:
APPLICANT: YU, Guo-Liang
INVENTOR: Rosen, Craig
TITLE OF INVENTION: Colon Specific Genes and Proteins
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Carella, Byrne, Bain, Gillfillan, Cecchi,
ADDRESS: Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: NJ
COUNTRY: USA
ZIP: 07068-1739
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,667
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Petriaro, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 325800-435
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 605 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..603
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 1..603
US-08-469-667-17

Query Match

21.3% Score 594.4; DB 1; Length 605;

RESULT 8
 US-08-595-868C-11
 : Sequence 11, Application US/08595868C
 : Patent No. 5962270
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Wagner, Fred
 :
 : APPLICANT: Stout, Jay
 :
 : APPLICANT: Henriksen, Dennis
 :
 : APPLICANT: Partridge, Bruce
 :
 : APPLICANT: Holmquist, Bart
 :
 : APPLICANT: Frank, Julie
 :
 : TITLE OF INVENTION: RECOMBINANT PREPARATION OF CALCITONIN FRAGMENTS AND
 :
 : NUMBER OF SEQUENCES: 51
 :
 : CORRESPONDENCE ADDRESS:

RESULT 10
US-09-385-982-446
; Sequence 446, Application US/09385982
; Patent No 6262334
; GENERAL INFORMATION:
; APPLICANT: ENDEBERG, WILSON O., ET AL.
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION

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RESULT 11
US-09-608-285A-8
; Sequence 8, Application US/09608285A
; Patent No. 6335013
; GENERAL INFORMATION:

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29	50.4	1.8	2679	3	US-08-959-625-1	Sequence 1, Appli
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31	50.4	1.8	2679	3	US-08-580-980A-1	Sequence 1, Appli
32	50.4	1.8	2679	3	US-09-053-453-1	Sequence 1, Appli
33	50.4	1.8	2679	3	US-08-644-116A-1	Sequence 1, Appli
34	50.4	1.8	2750	3	US-08-617-860B-33	Sequence 33, Appli
35	49.8	1.8	1399	3	US-08-335-469-1	Sequence 1, Appli
36	49.8	1.8	1522	2	US-08-481-658B-1	Sequence 1, Appli
37	49.8	1.8	1522	2	US-08-477-504A-1	Sequence 1, Appli
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43	49.8	1.8	1522	4	US-08-485-049D-1	Sequence 1, Appli
44	49.8	1.8	1522	4	US-09-178-115-1	Sequence 1, Appli
45	49.8	1.8	1522	4	US-09-177-776-1	Sequence 1, Appli

ALIGNMENTS

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RESULT 1
US-08-469-667-17
; Sequence 17, Application US/08469667
; Patent No. 5733748
; GENERAL INFORMATION:
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Rosen, Craig
; TITLE OF INVENTION: Colon Specific Genes and Proteins
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi,
; ADDRESSEE: Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: NJ
; COUNTRY: USA
; ZIP: 07068-1739
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,667
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 605 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..603
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: 1..603
US-08-469-667-17

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Query Match

21.3%; Score 594.4; DB.1; Length 605;

ZIP
COMPUT.
MEDIU.
COMPUT.
OPERATI.
SOFTWARE
CURRENT APPL
APPLICATION
ISSUING DATE:

29 17:30:44 2002

db 601 TCAA 604

us-09-802-

Sun Sep 29 17:30:44 2002

us-09-802-674-3.rni

Page 10

OTHER INFORMATION:
1-800-833-336-1

US-08-833-226-1

Query Match	1.9%	Score 52.2;	DB 2;	Length 4052;
Best Local Similarity	71.1%	Pred. No. 0.0019;		
Matches 69;	Conservative 0;	Mismatches 28;	Indels 0;	Gaps 0;

[illegible]

Search completed: September 28, 2002, 03:24:35
Job time: 5914 sec

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FILE REFERENCE: 28110/36570
CURRENT APPLICATION NUMBER: US/09/608,285A
CURRENT FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: 09/583,231
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 09/557,800
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/481,238
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: 09/370,265
PRIOR FILING DATE: 1999-08-09
PRIOR APPLICATION NUMBER: PCT/US99/16180
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: 09/350,836
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: 09/273,447
PRIOR FILING DATE: 1999-03-13
PRIOR APPLICATION NUMBER: 09/244,444
PRIOR FILING DATE: 1999-02-04
PRIOR APPLICATION NUMBER: 09/122,449
PRIOR FILING DATE: 1998-07-24
PRIOR APPLICATION NUMBER: 09/118,205
PRIOR FILING DATE: 1998-07-16
NUMBER OF SEQ. ID NOS. 60
SOFTWARE: PatentIn Ver. 2.0
SEQ. ID NO. 42
LENGTH: 14747
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
LOCATION: (13641)
OTHER INFORMATION: n - adenosine or guanine or cytosine or thymidine
US-09-608-285A-42

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Query Match      1.98; Score 53.6; DB 4; Length 14747;
Best Local Similarity 86.8%; Pctd. No. 0.0014;
Matches 59; Conservative 0; Mismatches 9; Indels 0; Gaps 0

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QY 2777 tgcgatgg 2784
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Db 9400 tgcgatgg 9407

RESULT 13
US-09-608-285A-59
; Sequence 59, Application US/09608285A
; Patent No. 6335013
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Mulero, Julio
; APPLICANT: Yeung, George
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CD39-LIKE
; FILE REFERENCE: 28110/36570
; CURRENT APPLICATION NUMBER: US/09/608, 285A
; CURRENT FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/583,231
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 09/557,800
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/481,238
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: 09/370,265
; PRIOR FILING DATE: 1999-08-09
; PRIOR APPLICATION NUMBER: PCT/US99/16180
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: 09/350,836

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480 caataataattagtagaagctagacaatagttaattctgtgaagatagaagttactgcttaattc 539
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RESULT 5
US-09-385-982-136
Sequence 136, Application US/09385982
Patent No. 6262334
GENERAL INFORMATION:
APPLICANT: ENDEGE, WILSON O., ET AL.
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
FILE REFERENCE: CCDNA-260XX
CURRENT APPLICATION NUMBER: US/09/385,982
CURRENT FILING DATE: 1999-08-30
EARLIER APPLICATION NUMBER: 09/328,111
EARLIER FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: 60/117,393
EARLIER FILING DATE: 1999-01-27
EARLIER APPLICATION NUMBER: 60/098,639
EARLIER FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 544
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 136
LENGTH: 581
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(581)
OTHER INFORMATION: n - A,T,C or G
US-09-385-982-136

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Db	121	aaaccgaagcgcaacgagcccatcacaanaatttgaccctcactccctccctccat	180
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Db	1673	cttgatcatctgtaagagagacataagtgtaagttcaagagagctgacaaattccgca	1732
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Qy	1733	gcctctcatataaagtgtgaaggtgtaacagctgtccccaatgacacaacaacgcccac	1792
Db	301	gcctctcatataaagtgtgaaggtgtaacagctgtccccaatgacacaacaacgcccac	359
Db	1793	cccaacctctgaagagcagaac--atgagaggtcttaatttgattcttgagagaanaact	1851
Qy	360	cccaacctctgaagagcagaacatgtagaggtctctctttagatcttcgagagaanaact	419
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RESULT 6
 US-08-927-128-3
 Sequence 3, Application US/08927128
 Patent No. 6127150
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas
 APPLICANT: Wagner, Fred
 APPLICANT: ven Heeke, Gino
 APPLICANT: Schuster, Sheldon
 APPLICANT: Stolt, Jay
 APPLICANT: Wylie, Dwane
 TITLE OF INVENTION: PURIFICATION DIRECTED CLOSING OF PEPTIDES
 NUMBER OF SEQUENCES: 28
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merchant & Gould
 STREET: 3100 No. 6127150west Center, 90 S. 7th Street
 CITY: Minneapolis
 STATE: MN
 COUNTRY: U.S.A.
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: PastSEO Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/927,128
 FILING DATE: 05-SEP-1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/680,004
 FILING DATE: 15-JUL-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G
 REGISTRATION NUMBER: 35,093
 REFERENCE/DOCKET NUMBER: 8648.2USD1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612/332-5300
 TELEFAX: 612/332-9081
 TELEX:
 INFORMATION FOR SEQ. ID NO.: 3:
 SEQUENCE CHARACTERISTICS:

Best Local Similarity 99.08; Pred. No. 2.6e-136;
Matches 598; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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Db	601	TCAA 1604	

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US-09-224-110-17
; Sequence 17, Application US/09224110
; Inventor: Yu, Guo-Liang
; Patent No. 6337195
; GENERAL INFORMATION:
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Rosen, Craig
; TITLE OF INVENTION: Colon Specific Genes and Proteins
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi,
; ADDRESSEE: Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: NJ
; COUNTRY: USA
; ZIP: 07068-1739
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,110
; FILING DATE:

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CLASSIFICATION:
PRIOR APPLICATION DATA: 08/469,667
APPLICATION NUMBER: 08/469,667
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 325800-435
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INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 605 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..603
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 1..603
US-09-224-110-17

Query Match 21.3%; Score 594.4; DB 4; Length 605;
Best Local Similarity 99.0%; Pred. No. 2.6e-136;
Matches 598; Conservative 0; Mismatches 6; Indels 0; Caps 0

QY 1141 gttgatattaaccagtgaaacccaacatgacacctctctgaaacctattcagtgctcc 1200
DB 1 GTTGATATTAACACGAGTGAACCAACATGACACTCTCTGAAACCTTATTGTCGTCTCC 60

QY 1201 tacaaccagccacagccaaagaaattcaaatgtgggcatctttccagtgaatttt 1260
DB 61 TACAACCCAGCCACAGCCAAAGAAATTCAATGTGGGCATTCTTCATGTAAATTTT 120

QY 1261 gaggcaaacgataaccgatcagtgctgaaagggtgctcttctcagacgtacaggtc 1320
DB 121 GAGGCAACAGTAAACCGATCAGTCTGTAAGAGTGGTCTTCTGACAGCTTACAGGCTC 180

QY 1321 tttagtttcatttctactgggagtcacaaatgagcatggttcagaacatacacgtggat 1380
DB 181 TTTCTAGTTCCATTTCACCTGGGGCAGTACAATGAGCATGGTTCAGAACATACAGTGGAT 240

QY 1381 ggagtcacaaattctgcccagcttcacgtgactggaattctgcaagtactccagc 1440
DB 241 GGAGTCAAAATATCTGCGGAGCTTCACGTGGCTCCTCTGCAAGTACTTCCAGC 300

QY 1441 cttgctgaagctgctcctaaagctgatggtttggcagttattggtgttttgatgaagtt 1500
DB 301 CTTGCTGGAAGCTGCCTCAAAAGCTGATGGTTGGCAGTTATTGGTGTTTTGATGAAGTT 360

QY 1501 ggtgagggcaaccacaaagctgcagaagtaactgatccctcaagaattaaaccacag 1560
DB 361 GGTGAGGCCAACCCAAAGCTGCAGAAAGTACTTATGATGCCCTCCAGCAATTAACACCAAG 420

QY 1561 ggaacagagcccccattcacaaatttgacccccctactctcttcttcttcttccctggat 1620
DB 421 GGCAAACGAGCCCATTCACAAATTTTGACCCCTCTACTCTCTCTCTCTCTCTCTCTCT 480

QY 1621 ttctggacctacactggctctctgactcatctctcttattagagtgtaacttggatc 1680
DB 481 TTCTGGACCTTACCCCTGGCTCTCTGACTCATCTCTCTCTCTCTCTCTCTCTCTCTCTCT 540

QY 1681 atctgtaagagagcatcagtgctcagctcagagcagctggcacattccgagccttcta 1740
DB 541 ATCTGTAGGAGAGCATCAGTGTCTAGTTCAGAGCAGTGTGGCACAATTCGGAGCCTTCTA 600

QY 1741 tcaa 1744
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